

C l a i m s

- 1 Hinge assembly (2, 22) with a lever (6), which has on the end of the lever (6) two head pieces (4, 5) which each swivel on an axis, for mounting of the lever (6), **characterized in that** two bodies (10, 11, 27), of which each on the swiveling movement of an assigned head
5 piece is rotatable around an axis of rotation, and two tension members (8, 9), which engage on the two head pieces (4, 5) at contact points (12, 13, 16, 17) on respectively different sides of a plane in which both axes of rotation lie.
- 2 Hinge assembly (2, 22) according to Claim 1, **characterized in that** the bodies (10, 11, 27) on the respectively assigned head piece (4, 5) are rotatably coupled with the same transmission ratio and the contact points (12, 13, 16, 17) have the same distance from the plane.
3. Hinge assembly (2, 22) according to Claim 1 or 2, **characterized in that** at least one of the head pieces (4, 5) contains one of the bodies (10, 11) wound around with the contiguously connected tension members (8, 9).
4. Hinge assembly (2, 22) Claim 3, **characterized in that** a wound around surface of the body (10, 11) is essentially circular or circular sector shaped.
- 5 Hinge assembly (2, 22) according to Claim 4, **characterized in that** the body (10, 11) is a toothed gear.
6. Hinge assembly (2, 22) according to one of the preceding Claims **characterized in that** the axis of the head piece (4, 5) coincides with the axis of rotation of the respective assigned body (10, 11).

7. Hinge assembly (2, 22) according to one of the preceding Claims, **characterized in that** the tension members (8, 9) are connected continuously in an endless loop (7).
8. Hinge assembly (2,) according to one of the preceding Claims, **characterized in that** the body (10,11) is rigidly connected with the assigned head piece (4,5).
9. Hinge assembly (2, 22) one of the Claims 1 to 7, **characterized in that** the body (10, 11) is connected with the assigned head piece (4,5) using a series of gears (19, 20; 24).
10. Hinge assembly (2, 22) according to Claim 9, **characterized in that** the series of gears is a planetary gear.
11. Hinge assembly (2, 22) according to one of the preceding Claims, **characterized in that** the tension members (8, 9) are chains.
12. Hinge assembly (2, 22) according to Claims 1 to 11, **characterized in that** the tension members (8, 9) are belts.
13. Hinge assembly (2, 22) according to one of the preceding Claims, **characterized in that** the lever (6) is bent at least at one angle.
14. Hinge assembly (2, 22) according to Claim 13, **characterized by** diverting elements (15) located on the angle for the tension members (8, 9).
15. Hinge assembly (2, 22) according to one of the preceding Claims, **characterized in that** the lever (6) is hollow and the tension members (8, 9) and the bodies are contained in it.

16. Combined hinge assembly, **characterized by** a shaft with which a plurality of hinge assemblies (2, 22) are connected according to one of the preceding claims.
17. Door (1, 21) with hinge assemblies (2, 22) according to one of the Claims 1 to 15 or with the combined hinge assembly according to Claim 16, whereby the lever (6) is mounted with a first of its head pieces (4, 5) on the door (1, 21) and arranged in such a manner that its
5 first and second axes each coincide.
18. Automobile (23) with a door (1, 21) according to Claim 17, whereby the levers (6) are mounted with a second of their head pieces (4, 5) on a frame of the automobile (23).
19. Automobile according to Claim 18; **characterized by** a horizontal orientation of the axes of rotation.
20. Automobile (23) with an engine hood (18) with at least one hinge assembly (2, 22) according to one of the Claims 1 to 15 or a combined hinge assembly according to Claim 16.
21. Automobile (23) with a trunk lid with at least one hinge assembly (2, 22) according to one of the Claims 1 to 15 or a combined hinge assembly according to Claim 16.